

Dear Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): M. Blaum; G.A. Jaquette; B.H. Marcus; and C.M. Melas
 For: **METHOD AND APPARATUS FOR ENCODING DATA TO GUARANTEE
 ISOLATED TRANSITIONS IN A MAGNETIC RECORDING SYSTEM**



24033

PATENT TRADEMARK OFFICE

Enclosed are:

- ☒ 7 No. of Sheets of Drawings Sheet(s) of drawings + 0 extra copies;
19 pages of Application; 10 pages of specification, 1 page of abstract
☒ An assignment of the invention to International Business Machines Corporation. (Will follow.)
☐ An associate power of attorney.
☐ A verified statement to establish small entity status under 37 CFR 1.9 and 1.27.
☒ Declaration and Power of Attorney. (Will follow.)
☐ Certified copy of Patent Application No. filed from which priority is claimed under 35 U.S.C. §119.
☐ IDS enclosed - references .

J1040 U.S. PTO
 10/037753
 01/02/02

CALCULATION OF FEES

* ITEM		NO. OF CLAIMS FILED MINUS BASE*	NO. OF CLAIMS OVER BASE	X SM/LG ENTITY FEE	\$ AMOUNT	\$ FEE	
A	TOTAL CLAIMS FEE	58 - 20* =	38	X \$9 or \$18	\$684		
B	INDEPENDENT CLAIMS FEE**	3 - 3* =	0	X \$42 or \$84	\$0		
C	SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)					684	
D	MULTIPLE-DEPENDENT CLAIMS FEE SMALL ENTITY FEE = \$140; LARGE ENTITY FEE = \$280					\$0	
E	BASIC FEE* SMALL ENTITY FEE = \$370; LARGE ENTITY FEE = \$740					\$740	
F	TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)					\$1,424	
G	ASSIGNMENT RECORDING FEE					\$ 40	\$40
	**1. 1ST INDEPENDENT CLAIMS 1, 25, 35						

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**A copy of this sheet is
enclosed.**

- ☒ A check in the amount of \$ 1,424 to cover the filing fee is enclosed.
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☐ The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).
☐ Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application for
M. Blaum, G.A. Jaquette, B.H. Marcus
and C.M. Melas
Serial No.: --
Filed: January 2, 2002
For: **METHOD AND APPARATUS FOR
ENCODING DATA TO GUARANTEE
ISOLATED TRANSITIONS IN A MAGNETIC
RECORDING SYSTEM**

Examiner: --

Art Unit: --

CERTIFICATE OF MAILING

Assistant Commissioner of Patents
Washington, D.C. 20231

Dear Sir:

"Express Mail" Label No. EL821158195US

I hereby certify that patent application papers, including specification, claims and 7 sheets of drawings are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231.

January 2, 2002

(Date of Deposit)

Patricia McLaughlin

(Name of person mailing paper or fee)


(Signature)